

impra[®]lan-Grund G400

Base and object glaze

Colourless or coloured, active ingredient-containing primer and object glaze with preventive protection against blue stain and rot.

Approval-No.: N-56834

Fields of application	<p>impra[®]lan-Grund G400 is suitable for preventive protection against blue stain and rot for all outdoor wood without soil contact. Particularly suitable for priming windows, beams, and exterior paneling.</p> <p>When applied twice, suitable as a primer and top-coat for non-dimensionally stable components such as roof soffits, garden fences and carports.</p> <p>For dimensionally stable components, a further coating build-up with impra[®]lan systems is required for adequate weather protection.</p>
Properties	<ul style="list-style-type: none"> • Very good process and procedure • Weatherproof • Easy to sand • Low fibre straightening • Very good adhesion to the wooden substrate • Optimum pore-filling • Uniform colouring • Fast drying • Density approx. 1.021 g/cm³ at + 20° C
Composition	Acrylic dispersion, water, glycol, additives, preservative, active ingredient.
Active ingredient	7.5 g/kg (0.75%) IPBC, 2.4 g/kg (0.24%) propiconazole, 5.0 g/kg (0.50%) polymeric betaine
Colour tone	<p>0000 colourless; colours according to impra[®]lan colour charts, special colours on request.</p> <p>Basecoats can be mixed using the impra[®] colour mixing centre. Mixed and special colour shades must be tested using a test coat before application. Any colour complaints must be reported before the project is completed. No complaints will be recognised thereafter.</p>
Packaging	<p>5 litres, 20 litres, 1,000 litres containers on request.</p> <p>Base: 19 litres container</p>
Application procedure	Painting, dipping, flooding.

Application quantity	<p>80-100 ml/m²</p> <p>Consumption may vary depending on the substrate and application method. The exact consumption must be determined on the basis of a test surface.</p> <p>Application quantity for standard test 120 - 160 ml/m²</p>
Preparation of the substrate	<p>The substrate must be clean, firm, and stable. The wood moisture content should be 12% - 14%. If necessary, wash tropical woods with universal thinner beforehand.</p> <p>Further information on substrate preparation and constructive wood protection can be found in BFS data sheet 18.</p>
Processing instructions	<p><u>General information</u></p> <p>Stir well before use. For intermediate sanding, use an abrasive with grain size 180 or similar. Do not process and dry below + 10° C (circulating air, substrate, and material) and not in direct sunlight.</p> <p><u>Diluting, flooding</u></p> <p>The product must be adjusted with water to a processing viscosity of 11 - 12 seconds in the DIN 4 dispensing cup. Check the viscosity regularly during application and correct with water if necessary.</p>
Drying time	<p>Dust-dry: after approx. 3 hours</p> <p>Recoatable: after approx. 4 hours</p> <p>The information applies per coat and standard climate 23/50 DIN 50014. Higher humidity and lower temperatures delay drying.</p>
Dilution	If necessary with water.
Coating structure	<p><u>Dimensionally stable timber components:</u></p> <p>1 x impra®lan-Grund G400</p> <p>1 - 2 x impra®lan-Lasur S100 / S150 / S510</p> <p><u>Timber components with limited dimensional stability:</u></p> <p>1 x impra®lan-Grund G400</p> <p>1 x impra®lan-Lasur S300</p> <p>1 x impra®lan-Grund G400</p> <p>2 x profilan® -secur insulating varnish / opac all-weather varnish</p> <p><u>Non-dimensionally stable components:</u></p> <p>2 x impra®lan-Grund G400</p> <p>Further coating variants are possible. Depending on the process and application purpose, you can choose from a wide range of impra®lan products.</p>
Cleaning the tools	Clean with water immediately after use, do not allow to dry.
Application Restrictions	<p>Do not treat wood that is intended to come into contact with food or animal feed with wood preservatives. Not for indoor use. Not suitable for beehives.</p> <p>Drying delays, discolouration and adhesion problems may occur with tropical and tannin-rich woods. We therefore recommend a test coating.</p> <p>Wood preservatives contain biocidal active substances to protect the wood from pests. They should only be used in accordance with</p>

	the instructions for use and only in the authorized areas of application. Misuse can lead to damage to health and the environment.
VOC-content (g/L)	approx. 15 - 20 g/L (Cat. 1g / Wb): max. 30 g/L
CLP Regulation	impra®lan-Grund G400 is not classified according to the CLP regulation. Signal word: not applicable Pictogram: not applicable
H- and P-phrases	Contains 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole, 3-iodo-2-propinylbutylcarbamate, 1,2-benzisothiazol-3(2H)-one, tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May cause allergic reactions.
Occupational safety	The applicable regulations for occupational safety and accident prevention must be observed during application. Do not inhale spray mist. Ensure thorough ventilation during and after processing. In case of contact with eyes or skin, rinse immediately with plenty of water. Safety data sheet available on request for professional users. GISBAU code: HSM-LV
Storage/transport	Store in a cool, but frost-free place. Close the container tightly after use. Store in the original container in such a way that it is only accessible to authorized persons. Shelf life for cool storage see container label. Keep out of reach of children. Store separately from foodstuffs.
Environmental protection	impra®lan-Grund G400 must not be allowed to enter the soil, bodies of water or sewage system. Water hazard class 2 (self-classification according to VwVwS, Annex 4). Only dispose of empty containers for recycling. Dispose of liquid material residues at the collection point for old paints. AVV waste code no. 03 02 02.
This leaflet is intended to advise you. However, in view of the wide range of possible applications, no guarantee can be given for individual cases. This also applies if we have provided technical application advice. Such advice is non-binding but is given to the best of our knowledge and experience. Verbal agreements and assurances must always be confirmed in writing.	

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